Dr

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date set forth below as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Signature and Deposit: May 13, 2005

250

Zhibin Ren 47,897

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Marcin S. Filutowicz

Date: May 13, 2005

Serial No.: 10/828,679

Group Art Unit: 1645

Filed:

04/21/2004

Examiner: N/A

Title:

Displacing A Plasmid In A Bacterial Population

File: 960296.98725

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Enclosed is a completed Information Disclosure Statement by Applicant listing documents that the applicant in the above-identified application wishes to bring to the attention of the Examiner for consideration in connection with the examination on the merits of this application. These references were cited in the International Search Report that the Applicant recently received.

No fee is believed due in connection with this submission. However, if a fee is due, please charge the fee to Deposit Account No. 17-0055.

Respectfully submitted,

Zhibin Ren

Reg. No. 47,897

Attorney for Applicants

QUARLES & BRADY LLP

411 East Wisconsin Ave.

Milwaukee, WI 53202

TEL 414-277-5633

FAX 414-277-3552

OFE	UC;36
1 YAM	7 2005 (3)
SATENT &	TRANSPORTED

Sheet | 1

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE aperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known		
Application Number	10/828,679	
Filing Date	04/21/2004	
First Named Inventor	Marcin S. Filutowicz	
Art Unit	1645	
Examiner Name		
Attorney Docket Number	960296.98725	

-			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		^{US-} 4,626,504	12/02/1986	Puhler, et al.	
		^{US-} 4,590,163	05/20/1986	Helinski, et al.	
		US-			2 . • •()
		US-			
	 	US-			
	 	US-			
		US-			
		US-			
		US-			-
	 	US-			

Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	
			Applicant of Cited Document	Where Relevant Passages	1
	Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Ortor Document	Or Relevant Figures Appear	T
					L

	•		
Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450..

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO		Complete if Known		
Cassado la Islii 1440/170	Application Number	10/828,679		
INFORMATION DISCLOSURE	Filing Date	04/21/2004		
STATEMENT BY APPLICANT	T First Named Inventor Marcin S. Filutowicz			
(Use as many sheets as necessary)	Art Unit	1645		
(Ose as many sneets as necessary)	Examiner Name			
Sheet 2 of 2	Attorney Docket Number	960296.98725		

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BLATNY et al, Improved broad-host-range RK2 vectors useful for high and low regulated gene expression levels in gram-negative bacteria, Plasmid, 38:35-51, 08/1997	
		BRANTL et al., An antisense RNA-mediated transcriptional attenuation mechanism functions in Escherichia coli. J. Bacter, May 2002, Vol. 184, pages 2740-47	- • •
		CHATTORAJ, DK., Control of plasmid DNA replication by iterons: no longer paradoxical, Mol. Micro. 08/2000, Vol. 37, pgs. 467-76.	
		URH et al, Assemblies of replication initiator protein on symmetric and asymmetric DNA sequences depend on multiple protein oligomerization surfaces. J. Mol. Biol, 05/98, 283: 619-31,	
110			

Examiner	Date	
Signature	 Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. 8ox 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.